

Converting Colors

YUV(68.1180, 7.8298, 8.6665)

Have a look what the booklet for
YUV(68.1180, 7.8298, 8.6665)
contains.

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Color

**YUV(68.1180, 7.8298,
8.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	4E3C54
RGB	78, 60, 84
RGB Percent	31%, 24%, 33%
CMY	0.6941, 0.7647, 0.6706
CMYK	0.07, 0.29, 0.00, 0.67
HSL	285°, 17%, 28%
HSV	285°, 29%, 33%
XYZ	6.3580, 5.4915, 9.1124
YIQ	68.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

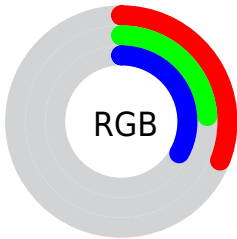
Format	Color
R_{YB}	78, 60, 84
Decimal	5127252
CIE _{Lab}	28.09, 12.92, -11.46
CIE _{LCh}	28, 17.271, 318.420
Yxy	5.4915, 0.3033, 0.2620
Android (android.graphics.Color)	4283317332 (0xFF4E3C54)
YUV	68.1180, 7.8298, 8.6665
Hunter-Lab	23.4340, 7.4202, -6.6513

Details

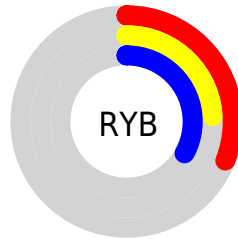
The YUV color **68.1180, 7.8298, 8.6665** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.8820, -7.8298, -8.6665**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0580, 8.8454, 9.5961**, and **24.8790, 6.9617, 7.1221** is the 20% darker color. If you saturate the color by 10%, you get **62.8240, 10.4398, 11.5554**, and if you desaturate by 10%, it is **73.4120, 5.2199, 5.7777**.

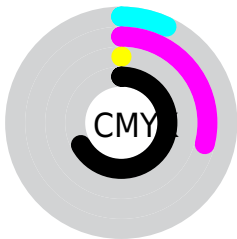
Distribution



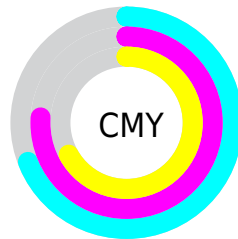
- Red (31%)
- Green (24%)
- Blue (33%)



- Red (31%)
- Yellow (24%)
- Blue (33%)



- Cyan (7%)
- Magenta (29%)
- Yellow (0%)
- Black (67%)



- Cyan (69%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1180, 7.8298, 8.6665 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 68.1180, 7.8298, 8.6665 by changing the saturation by 10% instead.

■ 68.1180, 7.8298,
8.6665

■ 68.1180, 7.8298,
8.6665

■ 255.0000, 0.0000,
0.0000

■ 45.7050, 7.5404,
8.1517

■ 116.0580, 8.8454,
9.5961

■ 24.8790, 6.9617,
7.1221

■ 142.0580, 8.8454,
9.5961

■ 2.9490, 7.4201,
0.0447

■ 168.4710, 9.1348,
10.1109

■ 0.0000, 0.0000,
0.0000

■ 195.7700, 8.9874,
10.7257

■ 223.8840, 9.4242,
10.6257

■ 247.3690, 3.7621,

6.6924

■ 68.1180, 7.8298,
8.6665

■ 68.1180, 7.8298,
8.6665

■ 62.8240, 10.4398,
11.5554

■ 73.4120, 5.2199,
5.7777

■ 56.9430, 13.3391,
14.9590

■ 79.2930, 2.3206,
2.3740

■ 51.6490, 15.9490,
17.8478

■ 84.5870, -0.2894,
-0.5148

■ 45.7680, 18.8484,
21.2515

■ 90.4680, -3.1887,
-3.9184

■ 40.1750, 21.6057,
23.5255

■ 95.7620, -5.7987,
-6.8073

■ 34.8810, 24.2157,
26.4144

■ 101.3550, -8.5560,
-9.0813

■ 29.0000, 27.1150,
29.8180

■ 107.2360,
-11.4553, -12.4850

■ 28.4130, 27.4044,
30.3328

■ 112.5300,
-14.0653, -15.3738

■ 118.4110,
-16.9646, -18.7774

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7680, 11.9464, -5.0585



68.1180, 7.8298, 8.6665



68.2780, 1.8349, 18.1732

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1180, 7.8298, 8.6665



66.0480, -12.8417, 12.2359



57.8650, 7.9546, -31.4536

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.1180, 7.8298, 8.6665



75.8820, -7.8298, -8.6665

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5690, 0.2125, -21.5470



68.1180, 7.8298, 8.6665



64.6230, -11.6461, 2.0846

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1180, 7.8298, 8.6665



66.6020, -9.6638, 19.6430



62.6970, -7.2456, -9.3813



58.6460, 13.4855, -32.1385

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1180, 7.8298, 8.6665



67.5620, -2.2491, 21.4321



62.6970, -7.2456, -9.3813



59.1920, 5.3283, -29.1094

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.1180, 7.8298, 8.6665



103.2330, 3.3361, 3.3037



66.2580, 8.7468, -5.4883



52.1790, 1.8838, 2.4740



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.1180, 7.8298, 8.6665



84.7040, 12.4709, 13.4146



69.2280, 4.3246, 12.9550



38.3530, 1.3050, 1.4444



35.2920, 34.3660, 37.4549



78.4740, 75.6883, 83.7763

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.8600, -0.9170, 14.1548



84.5020, -1.2335, 22.3617



74.7720, -4.3246, -12.9550



38.3100, -0.1528, 2.3591



34.3590, -4.1210, 61.9522



75.9800, -8.8641, 136.8295

Previews

White Background



This preview shows how the YUV color 68.1180, 7.8298, 8.6665 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 68.1180, 7.8298, 8.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.1180, 7.8298, 8.6665

Background



This preview shows how black text looks on a background with the YUV color 68.1180, 7.8298, 8.6665.

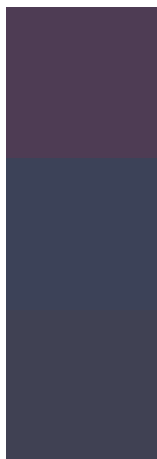


This preview shows how white text looks on a background with the YUV color 68.1180, 7.8298,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.1180, 7.8298, 8.6665

Protanopia

66.7140, 10.4940, -5.8882

Deuteranopia

66.7530, 8.0098, -2.4144



Tritanopia

67.4570, 0.2677, 7.4922

Trichromacy



Original Color

68.1180, 7.8298, 8.6665

Protanomaly

67.5190, 9.6041, -0.4552

Deuteranomaly

67.0740, 7.8515, 1.6891

Tritanomaly

67.8530, 3.0305, 8.0219

Monochromacy



Original Color

68.1180, 7.8298, 8.6665

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1180, 7.8298, 8.6665 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(78, 60, 84)` looks like.

```
.text, #text, p{  
    color:rgb(78, 60, 84)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(78, 60, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 60, 84) }
```

Border

The CSS property to change the border of an element to YUV 68.1180, 7.8298, 8.6665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 60, 84) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(78, 60, 84) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(78, 60, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 60, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 60, 84);  
box-shadow:4px 4px 4px 4px rgb(78, 60, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1180, 7.8298, 8.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 60, 84) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(78, 60,  
84) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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